

FIG. 1

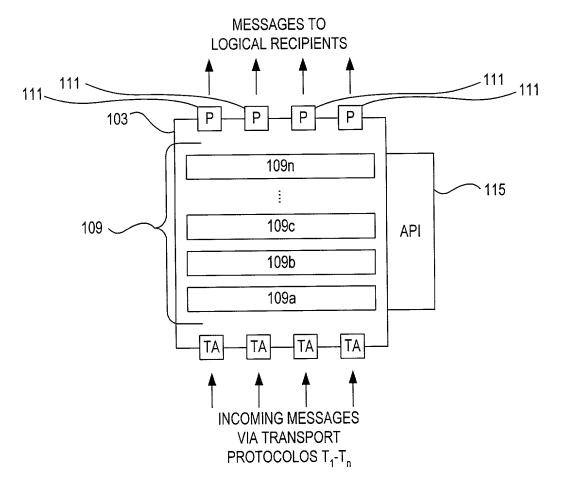


FIG. 2

VIRTUAL NETWORK PROTOCOL STACK

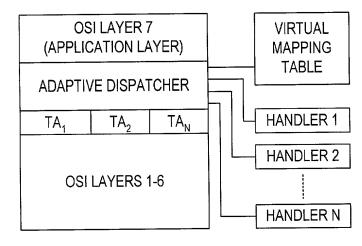


FIG. 9

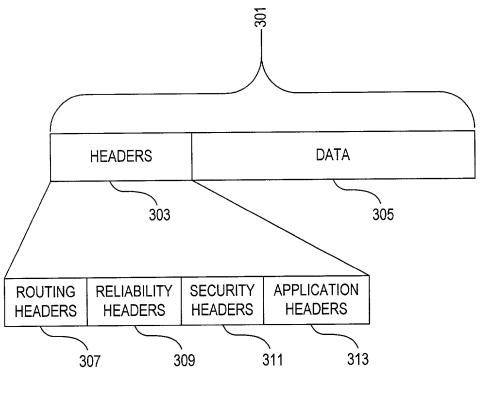
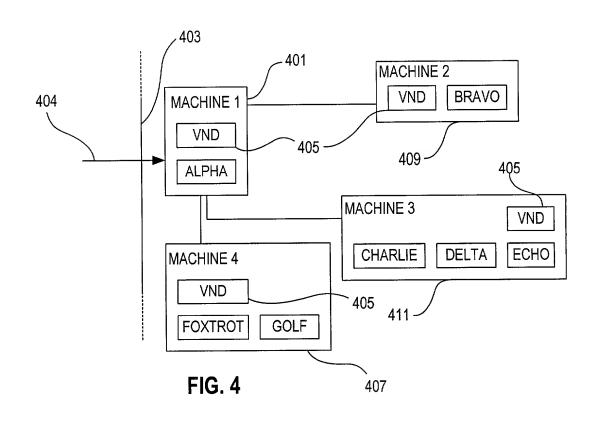
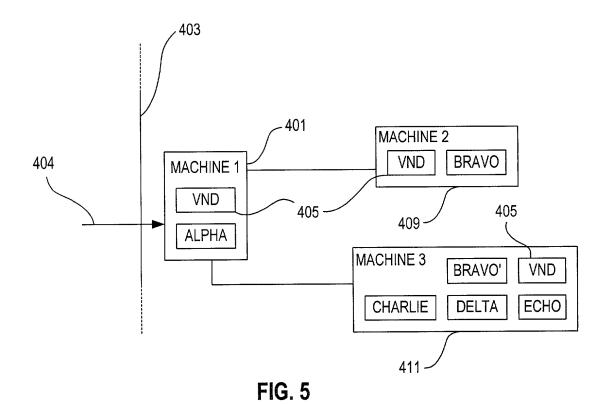


FIG. 3





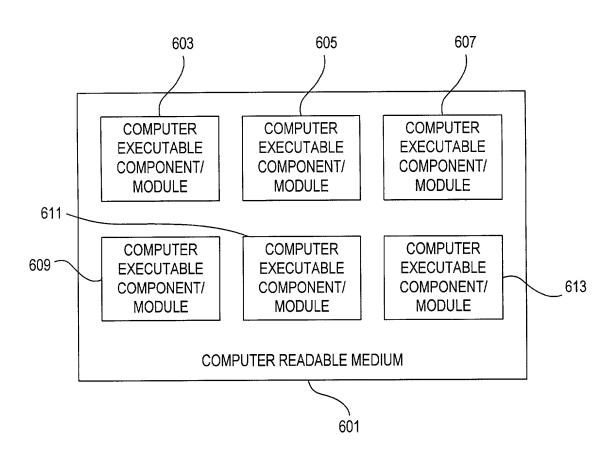


FIG. 6

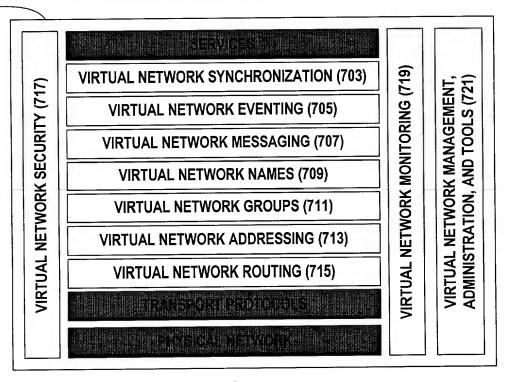


FIG. 7

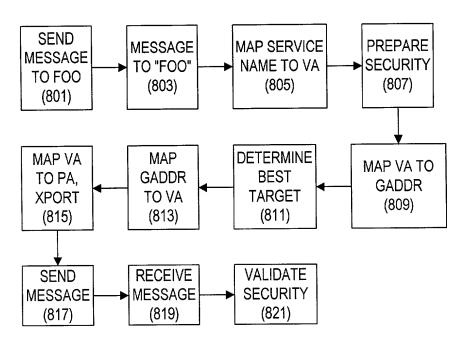


FIG. 8

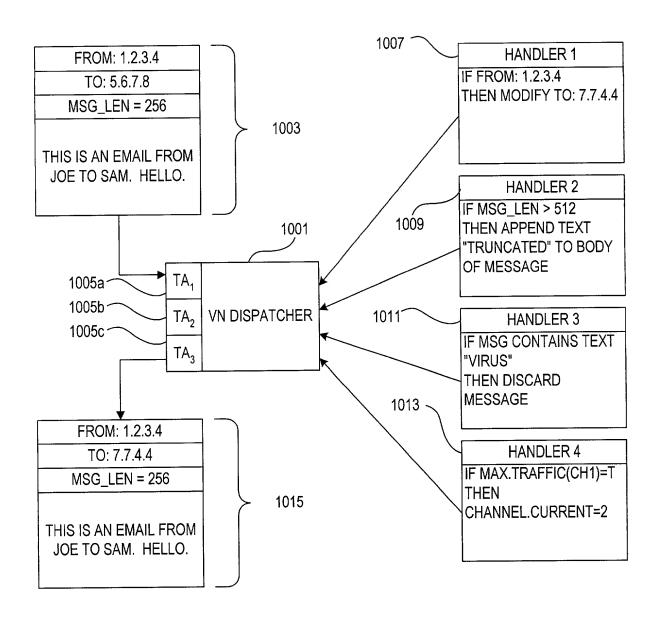


FIG. 10

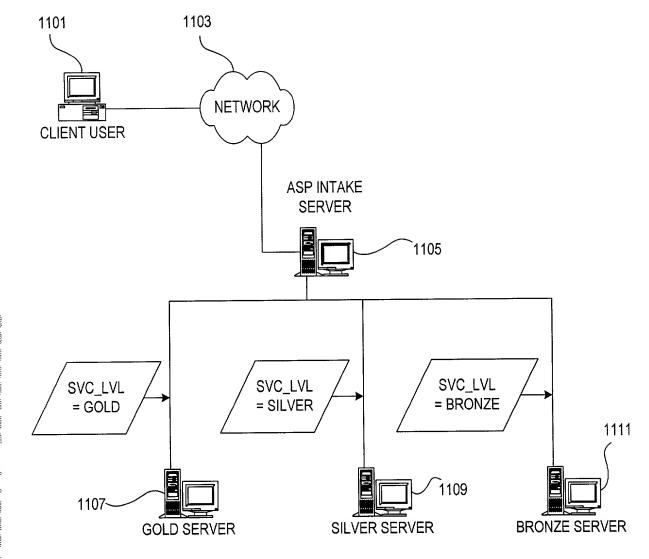


FIG. 11

VIRTUAL MAPPING TABLE

VIRTUAL ADDRESS	PHYSICAL ADDRESS
HTTP://WWW.FOO.COM/ JOE GAMESERVER NEWS EMAIL FTPSERVER	HTTP://1.2.3.5/FOO.HTM HTTP://12.34.56.78/USERS/JOE HTTP://WWW.MSN.COM/GAMES HTTP://WWW.MSNBC.COM HTTP://MAIL.MSN.COM FTP://FTP.MSN.COM

FIG. 12

VIRTUAL MAPPING TABLE

VIRTUAL ADDRESS	PHYSICAL ADDRESS
HTTP://WWW.FOO.COM/	HTTP://6.7.8.11/FOO.HTM
JOE	HTTP://12.34.56.78/USERS/JOE
GAMESERVER	HTTP://WWW.MSN.COM/GAMES
NEWS	HTTP://WWW.MSNBC.COM
EMAIL	HTTP://MAIL.MSN.COM
FTPSERVER	FTP://FTP.MSN.COM

FIG. 13